

Comparisons of Job Characteristics

Focus Occupation: [Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic \(51-4072\)](#)

Associated Occupation: [Fiberglass Laminators and Fabricators \(51-2091\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072)

Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Chemistry	4.8	10.0	2.5	<<	Extensive education and/or training may be required
Production and Processing	6.0	9.4	10.1	0	Current knowledge level may be sufficient
Mechanical	6.8	8.4	8.1	0	Current knowledge level may be sufficient
Building and Construction	4.0	5.4	1.3	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 53

Focus Occupation: Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072)

Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	8.9	11.4	>	Skill level is likely sufficient
Quality Control Analysis	5.9	8.4	9.8	>	Skill level is likely sufficient
Operation and Control	5.4	8.2	11.1	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072)

Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	12.3	9.5	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	10.4	9.7	0	Current ability level may be sufficient
Static Strength	5.0	10.0	10.5	0	Current ability level may be sufficient
Extent Flexibility	4.8	9.5	6.1	<<	Extensive improvement in abilities may be required
Stamina	4.0	8.3	7.3	<	Some improvement in abilities may be required
Dynamic Strength	3.5	7.4	8.4	>	Current ability level is likely sufficient
Wrist-Finger Speed	3.2	6.0	6.4	0	Current ability level may be sufficient
Glare Sensitivity	2.6	5.6	4.5	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072)

Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Work Activities	Exclusivity of Activity
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Measure, weigh, or count products or materials	17
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Use hand or power tools	2
Use spray application production equipment	87

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072)

Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.